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Titolo	Geomicrobiological Properties and Processes of Travertine : With a Focus on Japanese Sites // by Akihiro Kano, Tomoyo Okumura, Chizuru Takashima, Fumito Shiraishi
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Nota di contenuto	Introduction -- Basic knowledge of geochemical processes -- Sedimentology of travertine -- Methods -- Geomicrobiological processes for laminated textures -- Geochemical model for rapid carbonate precipitation of travertines -- Travertines in Japan -- Concluding remarks.
Sommario/riassunto	This book presents basic knowledge and key objectives of research of geological, geochemical, and microbial properties and processes in travertines, carbonate deposits precipitated from calcareous hot springs. Much of the contents are based on the authors' researches performed in Japan and Indonesia over the last decade. Travertine is one of the most active sedimentary systems, which have a potential impact on the Earth's environment. It is also an accessible epitome of the Earth's history, cultivating ancestral bacteria and representing a modern analog for ancient stromatolites. Readers can learn how integration of various scopes and methods unveils mysterious phenomena in travertine and can find cues for considering the early history of the Earth and life. This book includes a monographic chapter on Japanese onsens, or hot springs, which may help tourists to select

the best places to enjoy the unique features of travertine.
